PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Seyfullah H. Oguz et al.

Serial No.: 10/038,949

Filed: 12/31/2001

For: EDGE DETECTION BASED ON

VARIABLE-LENGTH CODES OF

BLOCK CODED VIDEO

Group Art Unit: 2615

Examiner: Unknown

Atty. Dkt. No.: 10830.0079.NPUS00

REQUEST FOR APPROVAL OF DRAWING CHANGES AND SUBMISSION OF FORMAL DRAWINGS

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The Examiner is respectfully requested to approve the following drawing changes, which are shown in red in the attached two sketches, submitted in triplicate:

In FIG. 1, box 24, "COMPARISION" is changed to --COMPARISON--.

In FIG. 4, to the left of box 55, "C" is changed to --Cr--, as described in the original written specification on page 18, lines 8 to 11.

Please find enclosed formal drawings (21 sheets) including the requested drawing changes.

Oguz et al. Ser. 10/038,949



Respectfully submitted,

Richard C. Auchterlonie Reg. No. 30,607

Probeed C. Outters

HOWREY SIMON ARNOLD & WHITE, LLP P. O. Box 4433 Houston, Texas 77210-4433 (713) 787-1400



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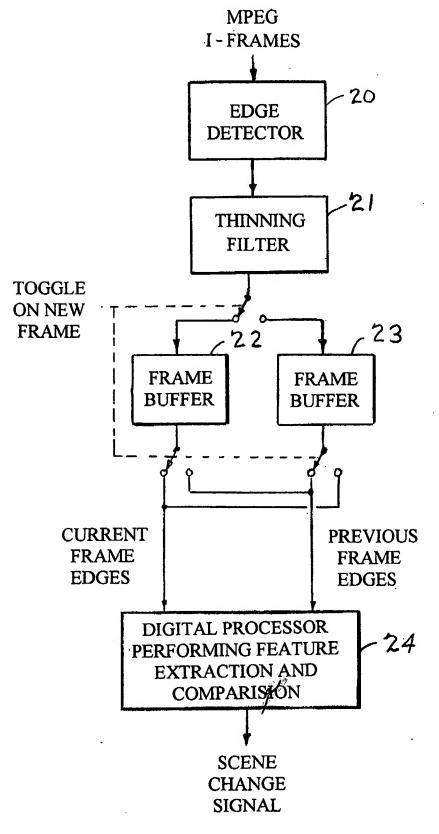
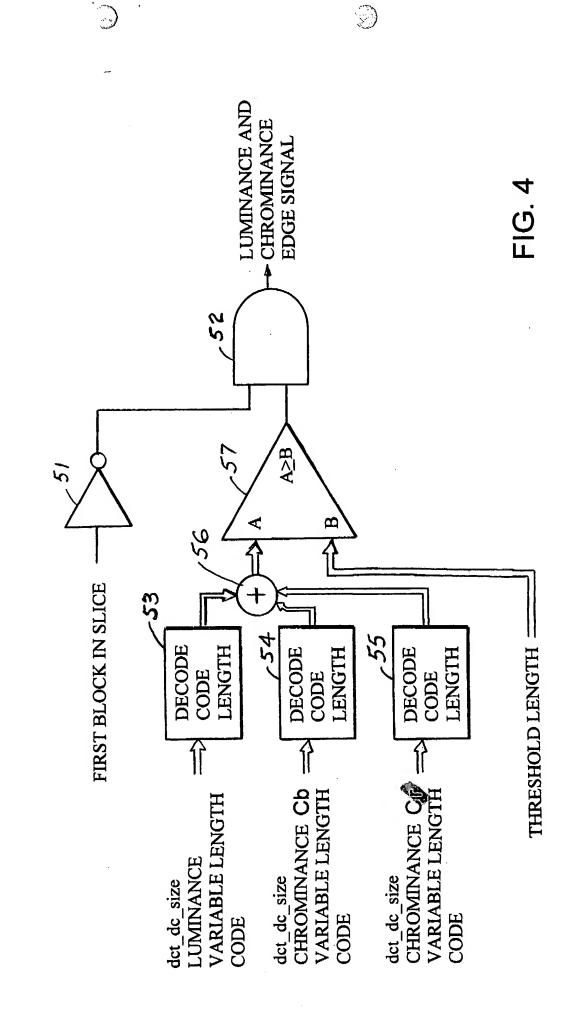


FIG. 1



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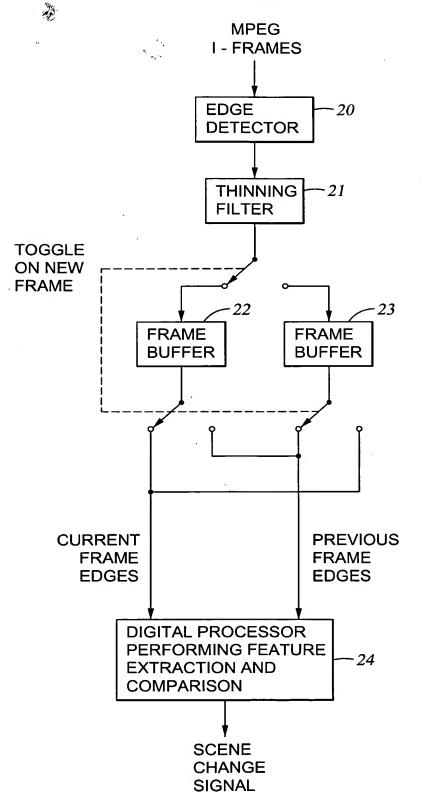


Fig. 1



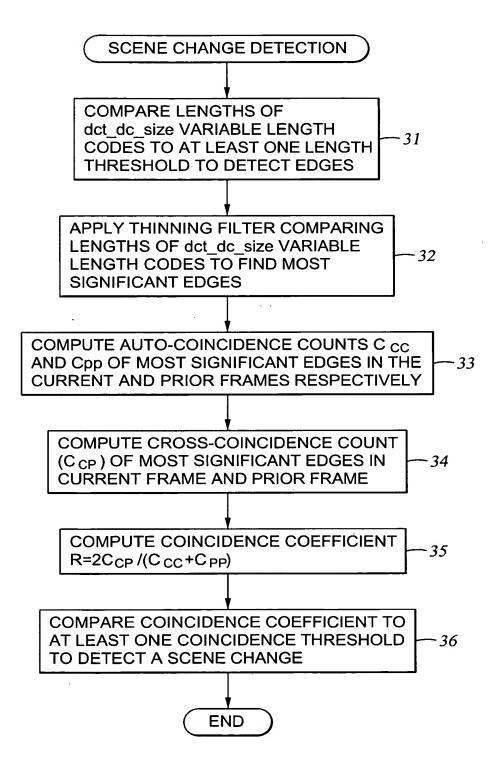


Fig. 2

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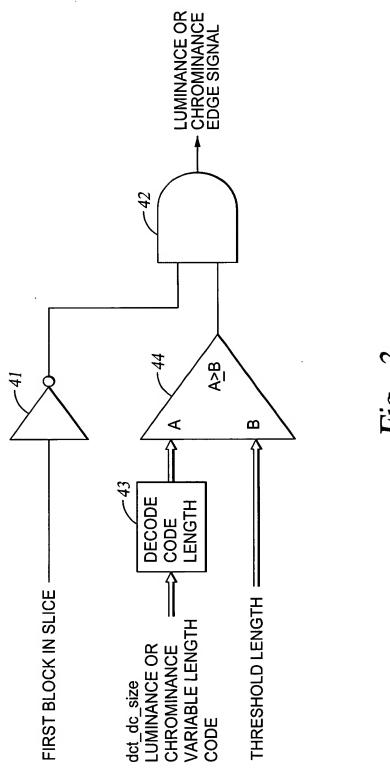
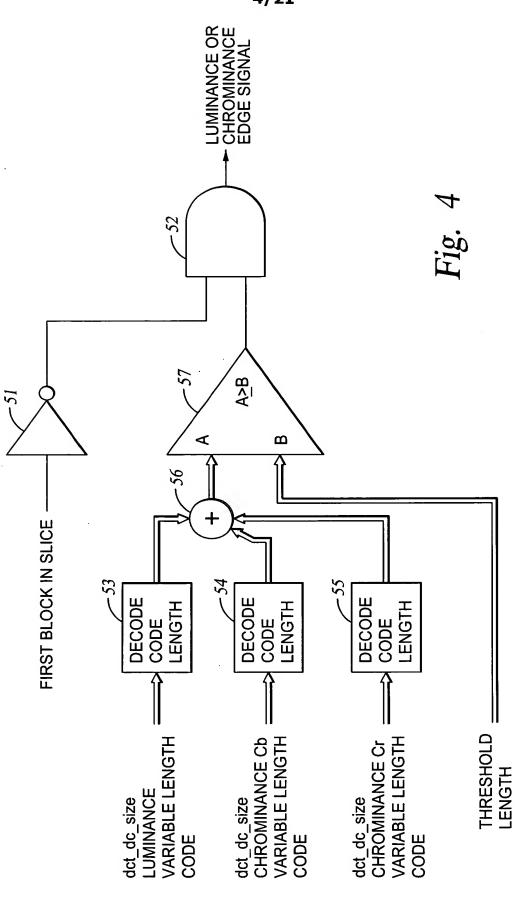


Fig. 3

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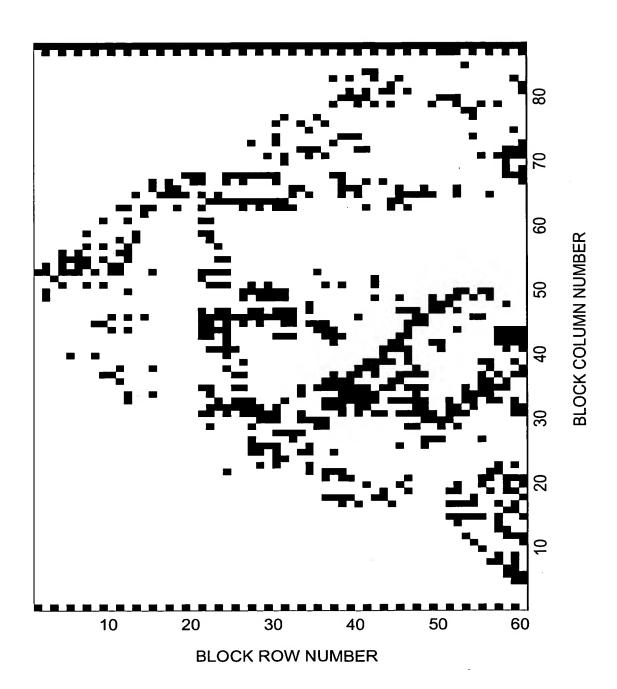


Fig. 5

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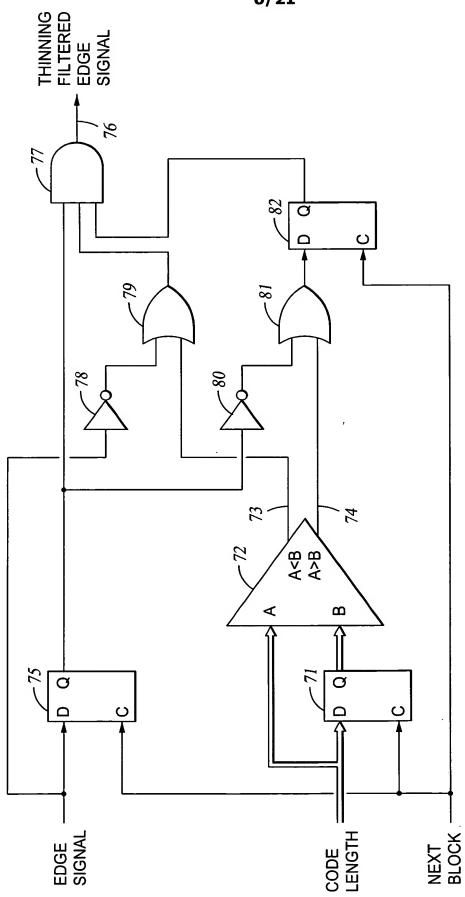
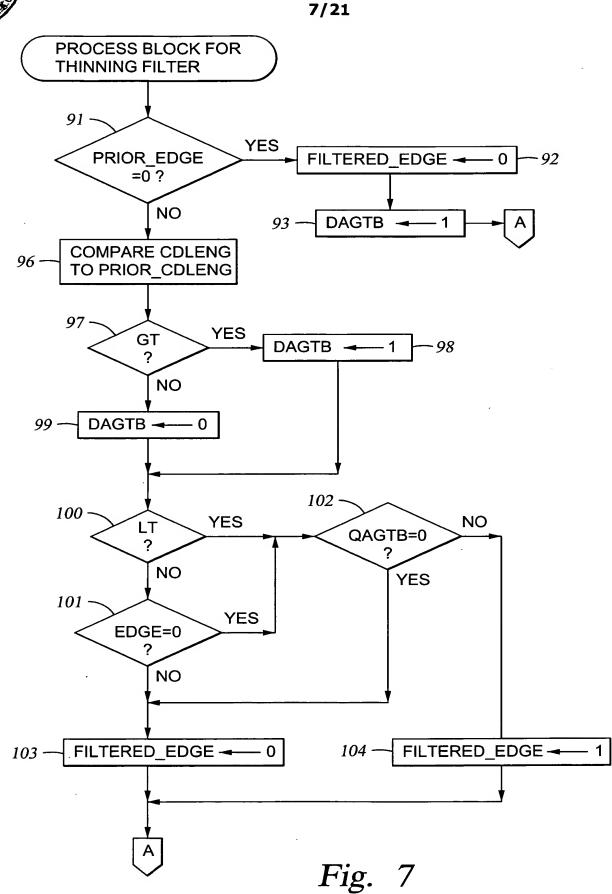


Fig. 6





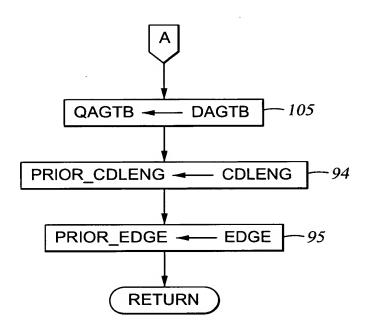
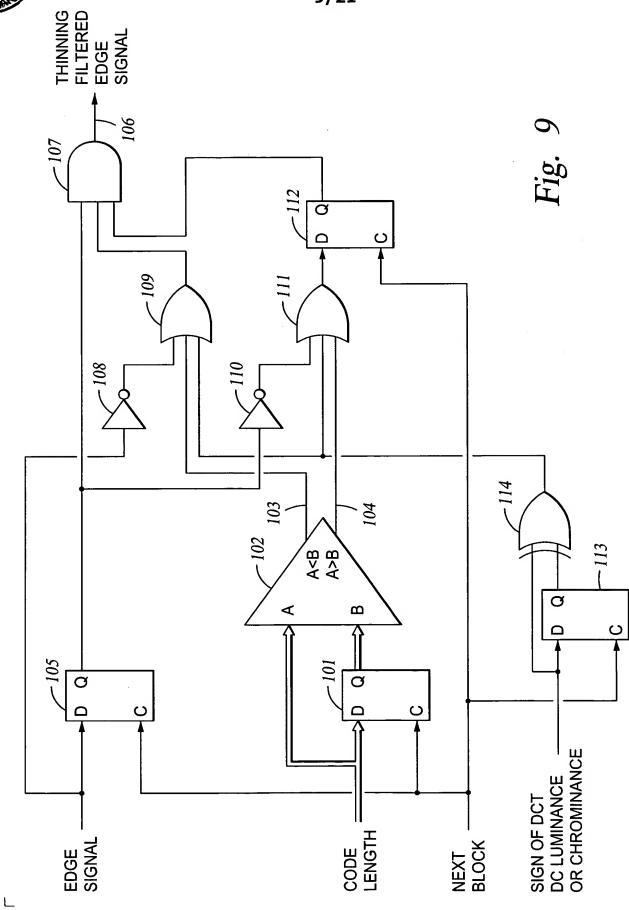


Fig. 8

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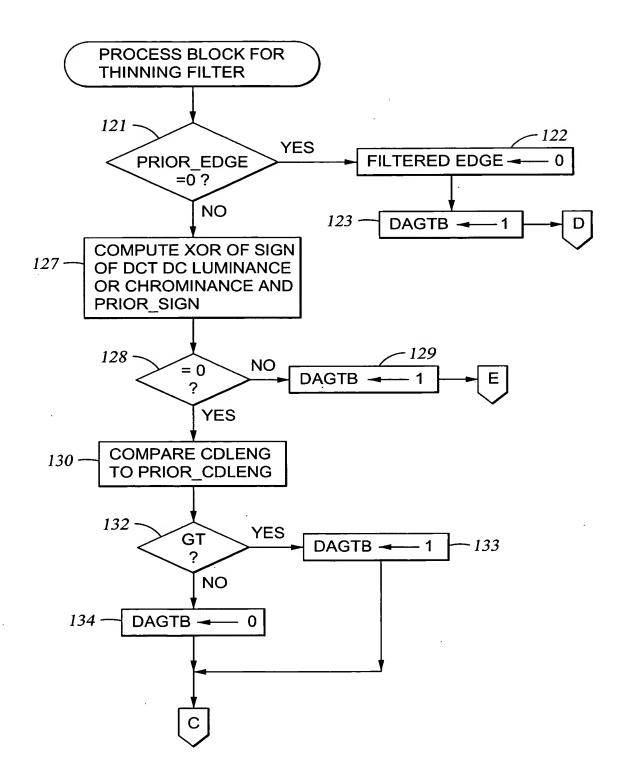


Fig. 10



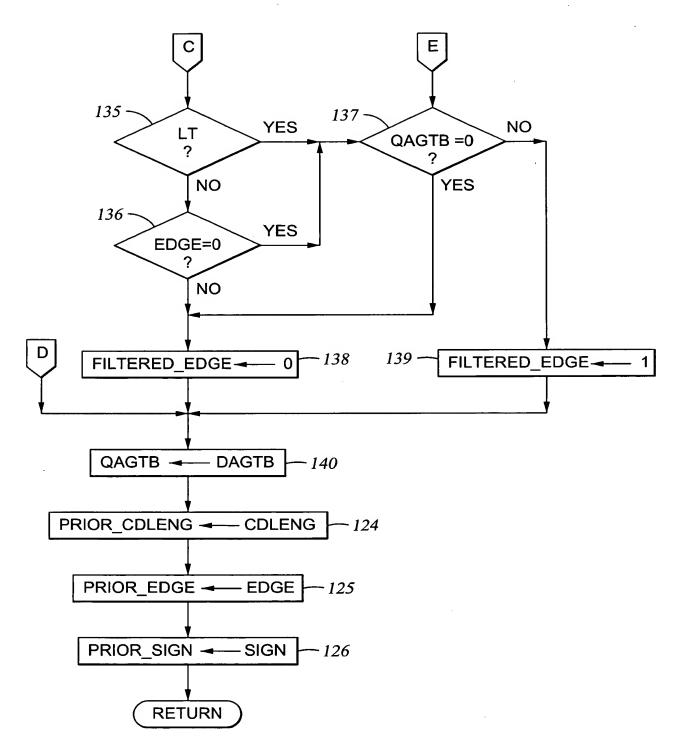
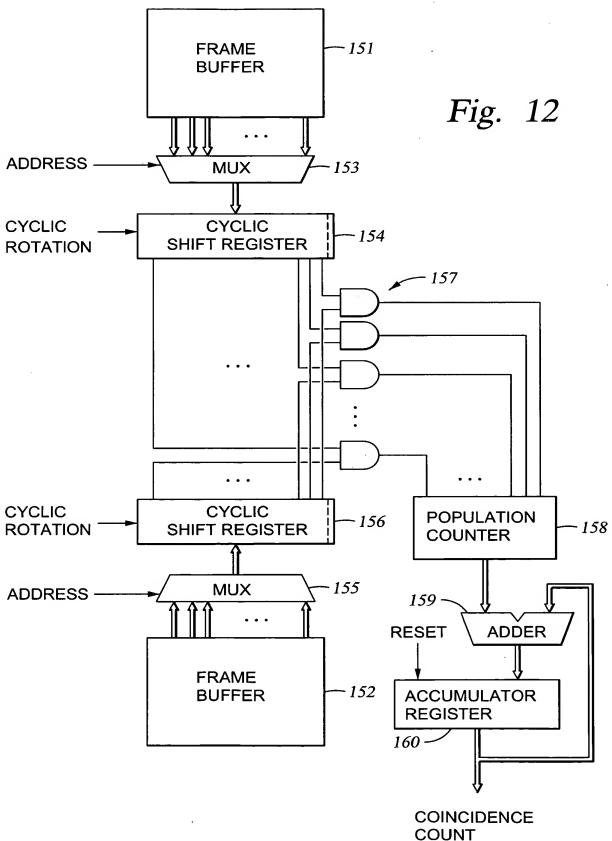


Fig. 11







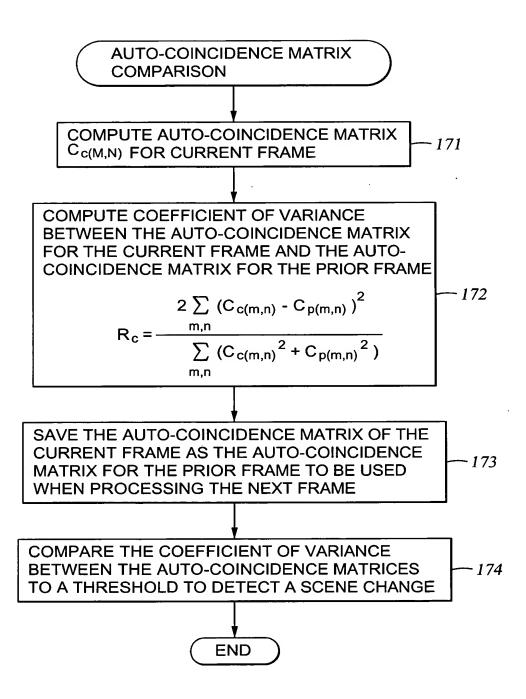


Fig. 13

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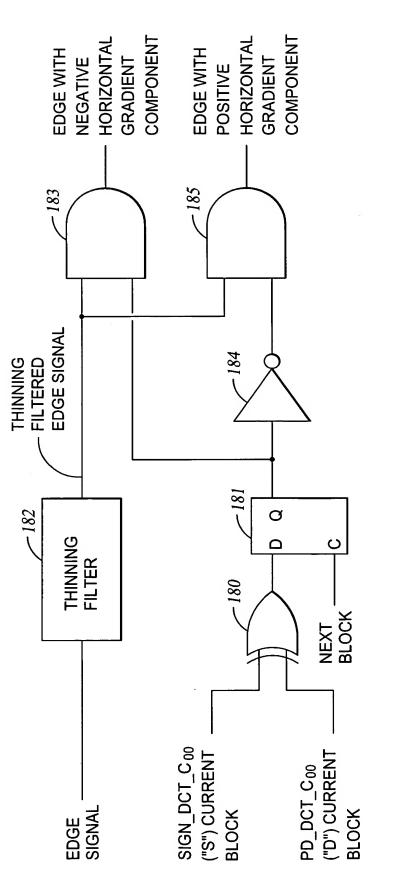


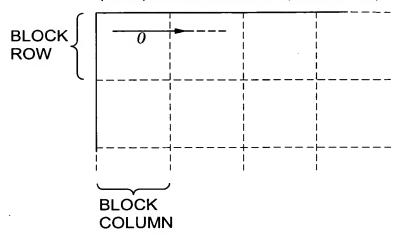
Fig. 14

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(4:2:0) CHROMINANCE (Cb AND Cr)

Fig. 15



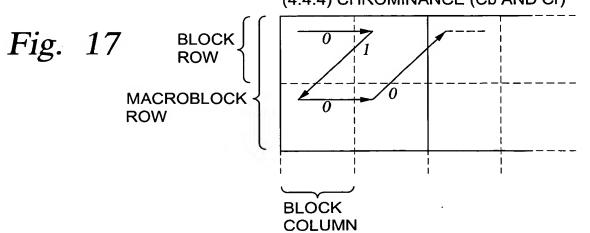
(4:2:2) CHROMINANCE (Cb AND Cr)

Fig. 16

BLOCK ROW

MACROBLOCK BLOCK COLUMN

(4:4:4, 4:2:2, AND 4:2:0) LUMINANCE AND (4:4:4) CHROMINANCE (Cb AND Cr)





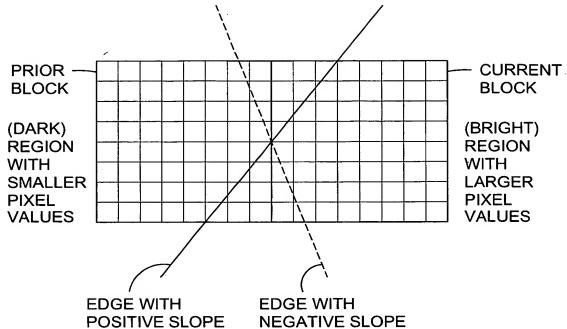


Fig. 18

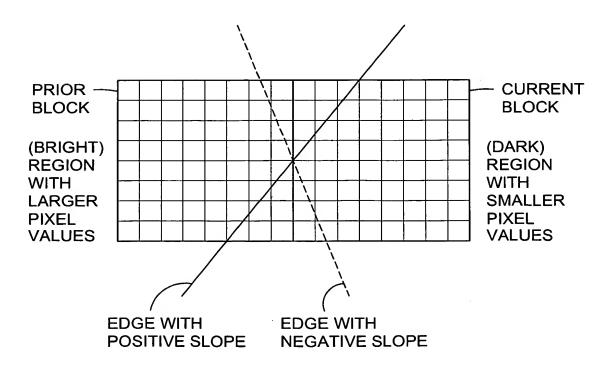


Fig. 19

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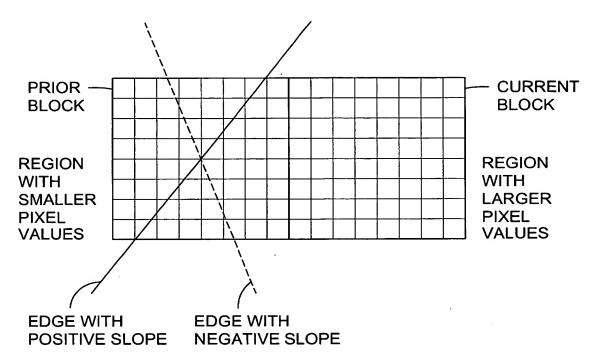


Fig. 20

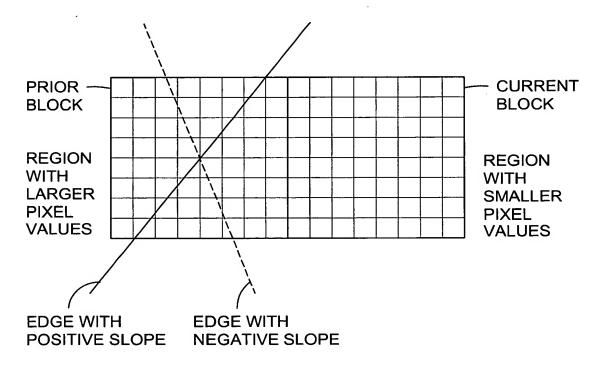


Fig. 21



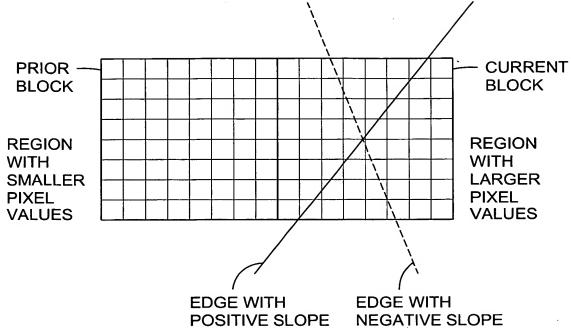


Fig. 22

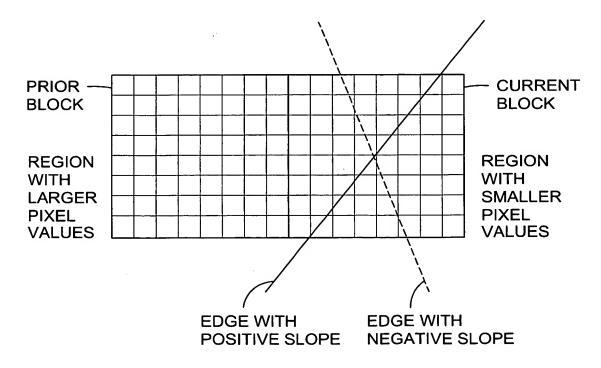
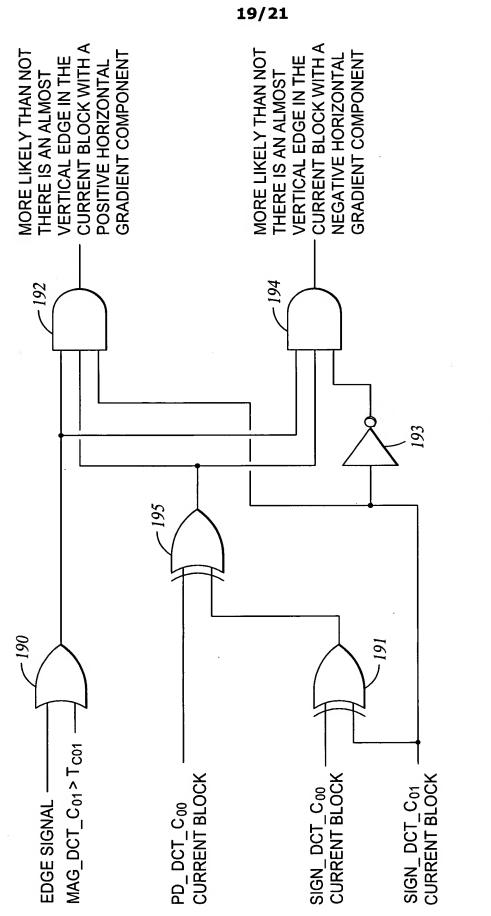


Fig. 23

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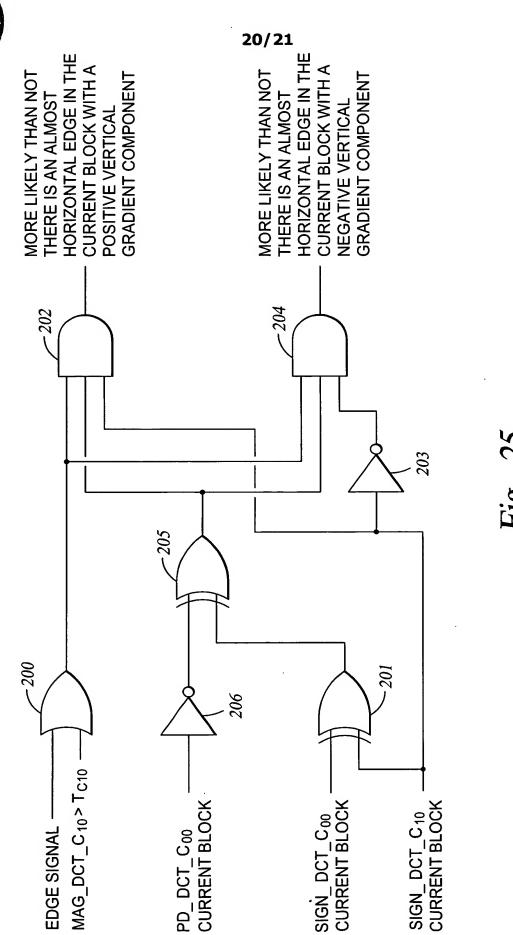


Fig. 25

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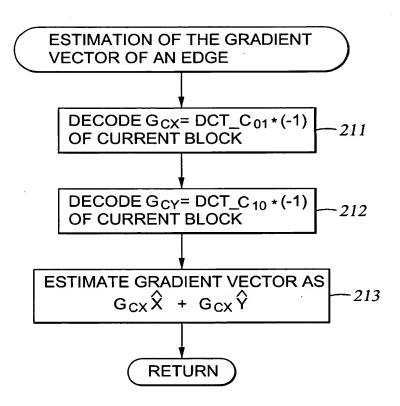


Fig. 26